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Carbonell, [illegible]
Wiltshire, Vite Rose
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<120> PRION-BINDING LIGANDS AND METHODS OF USING SAME

<130> 18242-507

<140> 09/543,188
<141> 2000-04-05

<160> 40

<170> PatentIn Ver. 2.1

<210> 1
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<223> Description of Artificial Sequence: Prion Protein Amino Acid Sequence

<400> 1
Gly Trp Gly Gln Pro His Gly Gly
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B1

<210> 2
<211> 16
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<213> Artificial Sequence

<220>
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Gly Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln Pro His Gly Gly
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<220>
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<400> 3
Leu Leu Ile Trp Ile Pro
1 5

<210> 4
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<213> Artificial Sequence

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Peptide Sequence

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Trp Leu Tyr Trp Ile Pro
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Peptide Sequence

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Trp Glu Phe Tyr Trp Phe
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<210> 6
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<210> 7
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Peptide Sequence

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Leu Ala Trp Phe Trp Arg
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<210> 8
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Peptide Sequence

<400> 8

Gly Phe Phe Phe Trp Trp
1 5

<210> 9
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<220>
<223> Description of Artificial Sequence: Synthetic Peptide Sequence

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Phe Tyr Val Phe Thr Ala
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<210> 10
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<400> 10
Tyr Phe Ile Trp Trp Glu
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B1

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<400> 11
Ser Phe Pro Tyr Tyr Tyr
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Ser Asn Tyr Gly Pro Tyr
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<400> 21
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<210> 22
<211> 6
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<210> 23
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<212> PRT
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<220>
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<400> 23
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<210> 24
<211> 6
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<220>
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<400> 24
Arg Trp Ile Ile Ser Leu
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<210> 25
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Peptide Sequence

<400> 25
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<210> 26
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Peptide Sequence

<400> 26

Val Phe Glu Tyr Ile Lys
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<210> 27
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<220>
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<400> 27
Trp Leu Val Trp Ile Ala
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<210> 28
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<400> 28
Tyr Trp Phe Ile Tyr Ile
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<210> 29
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<210> 30
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<220>
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<400> 30
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<210> 31
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<213> Artificial Sequence

<220>
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Prion Protein Amino Acid Sequence

<400> 31
His Gly Gly Gly Trp
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<210> 32
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<220>
<223> Description of Artificial Sequence: Prion Protein
Copper Binding Amino Acid Motif

<400> 32
His Gly Gly Gly
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<210> 33
<211> 16
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<220>
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Repeated Amino Acid Sequence

<400> 33
Pro His Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln
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<210> 34
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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Retro-Inverso Amino Acid Sequence

<400> 34
Asp Gly Gly His Pro Gln Gly Trp Gly Gly Gly His Pro Gln Gly Trp
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Gly

<210> 35
<211> 6
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<220>
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Phe Leu Leu His Pro Ile
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<210> 36
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<223> Description of Artificial Sequence: Peptide 55

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His His His Pro Gln Thr
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<210> 37
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<220>
<223> Description of Artificial Sequence: Peptide 71

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Arg Tyr His Val Tyr Phe
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<210> 38
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<220>
<223> Description of Artificial Sequence: Prion Binding Ligand Peptide Retro-Inverso Sequence

<400> 38
Phe Ile Trp Ile Gln Ile
1 5

<210> 39
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<210> 40
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Amino Acid Sequence

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1 5